



## SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:  
EP 21 77 17 72

**Classification of the application (IPC):**

*B21D 26/033, B21D 22/20, B21D 24/00, B21D 37/16, B21D 22/02, B21D 26/02*1B21D

**Technical fields searched (IPC):**

DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
X	CN 101518804 A (PING HU) 02 September 2009 (2009-09-02) * abstract; claims; figures *	1-5
X	CN 209189572 U (WUXI LANGXIAN LIGHTWEIGHT TECH CO LTD) 02 August 2019 (2019-08-02) * abstract; claims; figures *	1-5

The supplementary search report has been based on the last set of claims valid and available at the start of the search.

Place of search The Hague	Date of completion of the search 27 July 2023	Examiner Knecht, Frank
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### CATEGORY OF CITED DOCUMENTS

X: particularly relevant if taken alone	P: intermediate document
Y: particularly relevant if combined with another document of the same category	T: theory or principle underlying the invention
A: technological background	E: earlier patent document, but published on, or after the filing date
O: non-written disclosure	D: document cited in the application
& : member of the same patent family, corresponding document	L: document cited for other reasons

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## ANNEX TO SUPPLEMENTARY EUROPEAN SEARCH REPORT

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This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on 27-07-2023  
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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
CN 101518804	A	02-09-2009	NONE	
CN 209189572	U	02-08-2019	NONE	